AMENDMENTS TO THE CLAIMS

This Listing of Claims will replace all prior versions and listings of claims in this application.

Listing of Claims:

1.   (Currently Amended) A method of processing audiovisual sequences according to an original stream format having a succession of frames, comprising:

analyzing the succession of frames of the original stream, using an analysis module, to generate a modified main stream and complementary information, wherein said analyzing comprises:

generating one or more sequences of pseudorandom values with known parameters,

extracting original data from the original stream and replacing extracted original data with replacement data as a function of the values of the one or more sequences of pseudorandom values, to produce a modified main stream, and

storing in the complementary information data associated with at least one of the sequences of pseudorandom values and at least some of the extracted original data;

separately forwarding the modified main stream and the complementary information to equipment at an addressee[[,]]; and

synthesizing a stream in the original format, using a synthesis module at the addressee, as a function of the modified main stream and the complementary information, wherein analyzing the original stream comprises:

generating data comprising sequences of pseudorandom values with known parameters,

extracting original data from the original stream as a function of the values of the pseudorandom sequences to produce a modified main stream, and

storing data from at least one of the sequences of pseudorandom values and the extracting in the complementary information.

2.   (Currently Amended) The method of processing according to claim Claim 1, wherein all

the data comprising the sequences of pseudorandom values and the extracted original data is stored in the complementary information.

3.   (Currently Amended) The method of processing according to <u>claim</u> ~~Claim~~ 1, wherein some of the data comprising the sequences of pseudorandom values and the extracted original data is stored in the complementary information.

4.   (Previously Presented) The method of processing according to Claim 1, wherein the pseudorandom values represent information relative to at least one characteristic of the original data extracted from the original stream.

5.   (Previously Presented) The method of processing according to claim 1, wherein the pseudorandom values represent information relative to the position of the original data extracted from the original stream.

6.   (Previously Presented) The method of processing according to claim 1, wherein at least some of the extracted original data is random.

7.   (Previously Presented) The method of processing according to claim 1, wherein the data include original data extracted from the original stream.

8.   (Cancelled)

9.   (Currently Amended) The method of processing according to claim 1, wherein generating [[data]] <u>one or more sequences</u> includes generating [[data]] <u>one or more sequences</u> based on at least one characteristic of the analyzing.

10.   (Previously Presented) The method of processing according to claim 1, further comprising storing one or more parameters related to the generating as a result of the analyzing.

11.   (Previously Presented) The method of processing according to claim 1, further comprising forwarding one or more parameters related to the analyzing to the equipment at the addressee.

12.   (Previously Presented) The method of processing according to claim 1, further comprising storing one or more parameters related to the generating in a smart card of the addressee.

13.   (Previously Presented) The method of processing according to claim 1, wherein the synthesizing includes using said data reproducing the pseudorandom values obtained during the analyzing.

14.   (Previously Presented) The method of processing according to claim 1, wherein the processing is lossless.

15.   (Currently Amended) A system for transmitting ~~producing~~ an audiovisual stream, comprising

~~at least one multimedia server configured to contain original audiovisual sequences in an original video stream format,~~

analysis apparatus configured to analyze [[the]] an original audiovisual stream for separation of the original audiovisual [[video]] stream into a modified main stream and complementary information as a function of the analysis, where the analysis is based at least in part on at least one sequence of pseudorandom values, wherein the analysis comprises selecting data for extraction and replacement from the original audiovisual stream to obtain the modified main stream, and wherein the complementary information includes data extracted from the original audiovisual stream and data relating to the at least one sequence of pseudorandom values;

and

transmission apparatus configured to separately transmit the modified main stream and the complementary information to [[at]] an addressee location, to enable ~~for receiving the~~

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~~modified main stream and the complementary information and for~~ reconstruction of the audiovisual stream as a function of the modified main stream and the complementary information.

16.   (Currently Amended) A method for distributing audiovisual sequences according to an original stream format having a succession of frames, the method comprising:

processing, in an analysis module, the original stream to generate sequences of pseudorandom values with known parameters[[;]], said processing including:

extracting original data as a function of the pseudorandom sequences;

generating a modified main stream, including substituting replacement data for original data extracted in said extracting, and complementary information, including at least a portion of the original data extracted in said extracting; and

storing at least one parameter from the processing in the complementary information; and

separately transmitting the modified main stream and the complementary information to an addressee to enable the addressee to synthesize a stream in the original format as a function of the modified main stream and the complementary information; and

~~synthesizing a stream in original format by equipment at the addressee as a function of the modified main stream and the complementary information.~~

17.   (Currently Amended) [[A]] The system as recited in claim 15, wherein the analysis apparatus includes:

a generator to generate the at least one sequence of pseudorandom values, and

an extractor responsive a sequence of pseudorandom values for extracting original data from original audiovisual sequences to produce said modified main stream and said complementary information.

18.   (Currently Amended) [[A]] The system as recited in claim 17, in which the extractor produces said complementary information comprising at least some of said extracted original data and at least one sequence of said pseudorandom values.

19.   (Currently Amended) [[A]] The system as recited in claim 17, in which the extractor produces said complementary information comprising all said extracted original data.

20.   (Currently Amended) A method for recreating an original audiovisual sequence according in an original stream format having a succession of frames, where said original stream is processed using sequences of pseudorandom values with known parameters to extract data from the original stream as a function of the pseudorandom sequences, to generate; generating a modified main stream from the original stream subsequent to the extracting by substituting replacement data for data extracted from the original stream, to generate and also generating complementary information including at least some data extracted from the original stream, and to store; storing at least one parameter from the processing in the complementary information[[;]], wherein the modified main stream and the complementary information are separately transmitted to a recipient location, and separately transmitting the modified main stream and the complementary information to a recipient location; the method comprising:

    separately receiving the modified main stream and the complementary information at the recipient location; and

    applying the modified main stream and the complementary information to a synthesis module to synthesize the original stream in the original format at the recipient location.

21.   (Currently Amended) [[A]] The method as recited in claim 20, in which said receiving includes receiving the modified main stream and the complementary information from a telecommunication network.

22.   (Currently Amended) [[A]] The method as recited in claim 20, in which said receiving includes receiving only the modified main stream from a telecommunication network and said complementary information is received from an information carrier.

23.   (Currently Amended) [[A]] The method as recited in claim 22, wherein said complementary information is received from a smart card.

24.   (Currently Amended) A method of processing audiovisual sequences according to an original stream format having a succession of frames, for altering the original stream [[format]], the method comprising:

analyzing the succession of frames of the original stream in an analysis unit configured to generate a modified main stream and complementary information, said analyzing comprising:

generating one or more sequences of pseudorandom values with known parameters,

extracting original data from the original stream, and replacing extracted original data with replacement data, as a function of the values of the one or more sequences of pseudorandom values, to produce a modified main stream, and

storing in the complementary information data associated with at least one of the sequences of pseudorandom values and at least some of the extracted original data; and

separately forwarding the modified main stream and the complementary information to equipment at an addressee;

~~wherein the analyzing comprises:~~

~~generating sequences of pseudorandom values with known parameters,~~

~~extracting original data from the original stream as a function of the values of the pseudorandom sequences to produce a modified main stream, and~~

~~storing data from at least one of the sequences of pseudorandom values the operation application and extracting in the complementary information.~~

25.   (Currently Amended) The method of processing according to claim ~~Claim~~ 24, wherein all the data is stored in the complementary information.

26.   (Currently Amended) The method of processing according to claim ~~Claim~~ 24, wherein some of the data is stored in the complementary information.

27.   (Currently Amended) The method of processing according to claim ~~Claim~~ 24, wherein the pseudorandom values represent information relative to at least one characteristic of the data

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extracted from the original stream.

28.   (Previously Presented) The method of processing according to claim 24, wherein the pseudorandom values represent information relative to the position of the data extracted from the original stream.

29.   (Previously Presented) The method of processing according to claim 24, wherein at least some of the data is random.

30.   (Previously Presented) The method of processing according to claim 24, wherein the data include data extracted from the original stream.

31.   (Currently Amended) The method of processing according to claim 24, wherein the <u>one or more sequences are</u> ~~data is~~ generated from at least one characteristic of the analysis unit.

32.   (Previously Presented) The method of processing according to claim 24, further comprising storing one or more parameters related to the generating, as a result of the analyzing.

33.   (Previously Presented) The method of processing according to claim 24, further comprising forwarding one or more parameters related to the analyzing to the equipment at the addressee.

34.   (Previously Presented) The method of processing according to claim 24, further comprising forwarding one or more parameters related to the generating for storage in a smart card of the addressee.

35.   (New) The method of processing according to claim 1, wherein said analyzing further comprises randomly selecting one or more parameter values used in generating the one or more sequences of pseudorandom values.

36.   (New) The method of processing according to claim 35, wherein said randomly selecting comprises randomly selecting the one or more parameter values on a periodic basis.

37.   (New) The method of processing according to claim 35, wherein the data associated with at least one of the sequences of pseudorandom values includes the at least one or more parameter values.

38.   (New) The system as recited in claim 17, wherein said generator is configured to randomly select one or more parameter values used to generate the at least one sequence of pseudorandom values.

39.   (New) The system as recited in claim 38, wherein the generator is configured to randomly select the one or more parameter values on a periodic basis.

40.   (New) The method of processing according to claim 38, wherein the data relating to the at least one sequence of pseudorandom values includes the at least one or more parameter values.

41.   (New) The method of processing according to claim 24, wherein said analyzing further comprises randomly selecting at least one of the known parameters.

42.   (New) The method of processing according to claim 41, wherein said randomly selecting comprises randomly selecting the at least one of the known parameters on a periodic basis.

43.   (New) The method of processing according to claim 41, wherein the data associated with at least one of the sequences of pseudorandom values includes at least one of the known parameters.

44.   (New) A method of distributing an audiovisual stream, the method comprising:

generating at least one sequence of pseudorandom values using one or more known, randomly-selected parameter values;

processing, in a signal processing device, an original audiovisual stream using the at least one sequence of pseudorandom values to select data to extract from the original audiovisual stream and to replace with replacement data to obtain a modified audiovisual stream, said processing further generating complementary data including at least a portion of the data extracted from the original audiovisual stream and information to enable reconstruction of the original audiovisual stream based on the modified audiovisual stream and the complementary information.

45.   (New) The method according to claim 44, further comprising:

periodically randomly-selecting at least one of the randomly-selected parameter values.

46.   (New) The method according to claim 44, wherein the information to enable reconstruction includes at least one of the randomly-selected parameter values.